DIVISION OF TRAFFIC ENGINEERING

TRAFFIC NOTES

CELL LIBRARY

TRANOTES.CEL

RC=TRANOTES.CEL
AC=CELL NAME

ADDED/REV'D 3-2014

CELL NAME

C1

CONSTRUCTION NOTES

1 ALL TRAFFIC SIGNAL EQUIPMENT IS NEW.
(xM) THE EQUIVALANT METRIC CEL: NOT DISPLAYED

REVISIONS:

3-14 MAJOR REVISIONS &.
"M" CELS ARE NO LONGER SHOWN ON THIS LIST,
BUT THE CELS THEMSELVES STILL EXIST.

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RC=TRANOTES.CEL
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REV'D 3-14

CELL NAME

CONNT

CONSTRUCTION NOTES

NOTE #1 TO BE ADDED TO CONSULTANT PERMIT PLANS ONLY

1 ALL MATERIAL AND CONSTRUCTION METHODS SHALL CONFORM TO THE FOLLOWING CURRENT D.O.T. DOCUMENTS WHICH CAN BE ACCESSED ON THE D.O.T. WEBSITE

* STANDARD SPCIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION (FORM 816).
* SUPPLEMENTAL SPECIFICATIONS TO FORM 816.
* SPECIAL PROVISIONS TO FORM 816.
* STANDARD INSTALLATION AND GUIDE DETAIL SHEETS.

2 ALL TRAFFIC SIGNAL EQUIPMENT IS NEW.

3 ALL TRAFFIC SIGNAL EQUIPMENT IS NEW EXCEPT AS NOTED.

4 ALL TRAFFIC SIGNAL EQUIPMENT IS EXISTING EXCEPT AS NOTED.

5 STAKE ALL R.O.W. PRIOR TO EXCAVATION.

6 STATE FORCES TO STAKE ALL R.O.W. PRIOR TO EXCAVATION.

7 ANY PROPOSED REVISIONS TO THE LOCATION OF THE APPURTENANCES SHOWN ON THE PLAN MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE DIVISION OF TRAFFIC ENGINEERING PRIOR TO INSTALLATION.

8 (8M) THE LOCATION OF TRAFFIC SIGNAL FOUNDATIONS WHEN IN OR ADJACENT TO SIDEWALKS SHALL BE VERIFIED PRIOR TO INSTALLATION TO PROVIDE A FREE PATH OF NOT LESS THAN 4 FEET. IF A MINIMUM 4 FOOT FREE PATH IS UNAVAILABLE NOTIFY THE ENGINEER AND CONTACT THE DIVISION OF TRAFFIC ENGINEERING.

9 EXCEPT FOR TEST PURPOSES, KEEP SIGNALS BAGGED PRIOR TO THE FUNCTIONAL INSPECTION (FORM 816 SECT. 10.10.10). SIGNAL MAY BE PLACED IN FLASHING OPERATION NO MORE THAN 7 DAYS PRIOR TO PLACING IN NORMAL OPERATION.

10-14 FUTURE

15 ⎔ INSTALL FOUNDATION ADJACENT TO AND WITHIN R.O.W.

17 INSTALL FOUNDATION ADJACENT TO WALK AT EDGE.

20 ⎔ INSTALL NEW FOUNDATION ADJACENT TO EXISTING FOUNDATION.

22 MODIFY CONTROLLER FOUNDATION TO ACCEPT NEW CONDUIT.

23-29 FUTURE

30 MODIFY EXISTING CONTROLLER TO ACCOMMODATE CHANGES. SUPPLY 4 COPIES OF REVISED CABINET WIRING DIAGRAMS.

31 TEMPORARILY RELOCATE EXISTING CONTROLLER TO FACILITATE FOUNDATION MODIFICATION AND UNTIL NEW CONTROLLER IS IN OPERATION.

35 CABINET DOOR TO OPEN STREET SIDE.

36 INSTALL STATE FURNISHED CONTROLLER.

37 INSTALL STATE FURNISHED CONTROLLER ON EXISTING FOUNDATION.

38 SEE SPECIAL PROVISION ITEM #1117101A-ALTERNATE FLASHING SIGNALS FOR WARNING SIGNS, THE INSTALLATION DETAILS HAVE BEEN REVISED.

39-44 FUTURE

45 ⎔ LOCATE EXISTING RIGID METAL CONDUIT. EXTEND INTO NEW HANDHOLE.

47 ⎔ REPLACE EXISTING HANDHOLE WITH CONCRETE HANDHOLE. EXTEND EXISTING CONDUITS INTO NEW HANDHOLE.

48 (48M) Ⓦ INSTALL 30" X 30" HANDHOLE. ALL OTHERS TYPE II.

50 ⎔ INSTALL HANDHOLE BETWEEN CONCRETE WALK AND CURBING.

51 INSTALL INTERCONNECT HANDHOLES EQUALLY SPACED, APPROX. APART.

52 ⎔ INSTALL CAST IRON HANDHOLE COVER.

53-59 FUTURE

61 (61M) INSTALL LOOP DETECTORS 3' OFF EDGE OF ROAD AND 8' APART UNLESS OTHERWISE SPECIFIED.

63 CENTER LOOP DETECTORS IN LANE.

64 SERIES SPLICE SEGMENTED LOOPS PER LANE.

66-74 FUTURE

75 INSTALL RISER ON # UTILITY POLE.

76 COORDINATE WITH UTILITY COMPANY REPRESENTATIVES LISTED IN THE SPECIAL PROVISION, 1.07 - LEGAL RELATIONS AND RESPONSIBILITIES.

77 COORDINATE AND SCHEDULE THE FOLLOWING WORK BY :
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*
*

78 ESTIMATED LOAD ON UTILITY POLES: # : lbs.
: lbs. # : lbs. # : lbs.

79 INSTALL CABLE CLOSURE (TYPE A) AND INTERCONNECT CABLE.

80 (80M) SPAN ATTACHMENT ON TO HAVE A MINIMUM CLEARANCE OF 12" BELOW SECONDARY & 40" ABOVE HIGHEST COMMUNICATIONS.

81 (81M) INTERCONNECT ATTACHMENT ON TO HAVE A MINIMUM CLEARANCE OF 40" BELOW SECONDARY & 12" ABOVE HIGHEST COMMUNICATIONS.

83 SPAN POLES WITH 2 SPAN ATTACHMENTS TO HAVE 2 SPAN CLAMPS.

84 ⬡ SEE SIGNAL "Y" SPAN ATTACHMENT DETAIL ON STANDARD SHEET, TR-1114_01.

85 ⬡ SPAN POLE TO HAVE 2-2½" TRAFFIC SIGNAL CABLE ENTRANCE FITTINGS.

86-90 FUTURE

90 (90M) ⬡ INSTALL NEW 8' ALUMINUM PEDESTAL ON EXISTING FOUNDATION.

91 ⬡ REPLACE PEDESTRIAN SIGNAL FACE AND PUSH BUTTON, USE EXISTING PEDESTAL FOUNDATION AND PEDESTAL.

93 REMOVE ALL ABANDONED TRAFFIC SIGNAL EQUIPMENT PER SPECIAL PROVISION.

94 COORDINATE THIS REVISION WITH CONNECTICUT D.O.T. SIGNAL LAB. CONTACT MR. DON ASSARD AT (860) 258-0346 OR MR. MARK ZAMPINI AT (860) 258-0349 AT LEAST 48 HRS PRIOR TO REVISION.

96 INSTALL SIGN 41-0815 "NEW" AND 41-0636 (SIGNAL AHEAD SYMBOL) ON ALL APPROACHES APPROXIMATELY FEET IN ADVANCE OF THE INTERSECTION. REMOVE SIGN ASSEMBLY AFTER 14 CALENDAR DAYS FROM THE DATE THE SIGNAL IS PLACED IN OPERATION.

96A ◯ INSTALL SIGN 41-0815 "NEW" AND 41-0836 (SIGNAL AHEAD SYMBOL) ON ALL APPROACHES APPROXIMATELY FEET IN ADVANCE OF THE INTERSECTION. REMOVE SIGN 41-0815 "NEW" AFTER 14 CALENDAR DAYS FROM THE DATE THE SIGNAL IS PLACED IN OPERATION.

97 INSTALL PEDESTRIAN PUSHBUTTON SIGN NO. 31-0845.

ODNT EMERGENCY PRE-EMPTION NOTES

OD1 INSTALL AUXILIARY EQUIPMENT CABINET ON SIDE OF CONTROLLER CABINET. INSTALL PRE-EMPTION EQUIPMENT IN AUXILIARY CABINET.

OD2 RELOCATE AUXILIARY EQUIPMENT CABINET FROM EXISTING CONTROLLER CABINET TO SIDE OF NEW CONTROLLER CABINET. RELOCATE EXISTING EMERGENCY PRE-EMPTION DETECTORS TO NEW SPAN. TEST PRE-EMPTION SYSTEM PRIOR TO AND AFTER RELOCATION IN ACCORDANCE WITH SPECIFICATIONS.

OD3S STATE FORCES TO INSTALL A SWITCH IN THE SIGNAL CABINET TO EFFECTIVELY DISCONNECT THE PRE-EMPTION EQUIPMENT FROM THE TRAFFIC SIGNAL CONTROLLER.

OD3C CONTRACTOR TO INSTALL A SWITCH IN THE SIGNAL CABINET TO EFFECTIVELY DISCONNECT THE PRE-EMPTION EQUIPMENT FROM THE TRAFFIC SIGNAL CONTROLLER.

OD4 PRE-EMPTION DETECTOR LOCATIONS ARE FOR ILLUSTRATION ONLY. EXACT LOCATIONS SHALL BE DETERMINED BY THE MANUFACTURER OR HIS DESIGNATED REPRESENTATIVE. DETECTOR CABLES ARE TO BE INSTALLED CONTINUOUS BETWEEN EACH DETECTOR AND THE AUXILIARY EQUIPMENT CABINET.

TECHNICAL NOTES AND MAST ARM NOTES

TECH1 PHASE 2 ARTERY LOOPS TO BE NON-ACTUATING DURING COORDINATION.

TECH2 PHASE 2 + 6 ARTERY LOOPS TO BE NON-ACTUATING DURING COORDINATION.

TECH3 PRE-EMPTION TO BE INOPERATIVE DURING FLASHING OPERATION.

TECH4 MANUAL AND INTERVAL ADVANCE TO BE DISCONNECTED DURING PHASE PEDESTRIAN CHANGE. INTERVAL.

TECH5 COUNTDOWN ONLY DURING FLASHING PEDESTRIAN CLEARANCE INTERVAL.

TECH6 PERCUSSIVE TONE ONLY DURING PEDESTRIAN WALK INTERVAL.

TECH7 TIMINGS SHOWN REFLECT FREE OPERATION. ACTUAL TIMINGS TO BE DETERMINED BY CLLC SYSTEM.

INFON2 ALL MAST ARM MOUNTED TRAFFIC SIGNALS ARE FIXED MOUNTED TO THE ARM BY USE OF ADJUSTABLE BRACKETS.

INFON3 ALL MAST ARM MOUNTED SIGNS ARE FIXED MOUNTED

REV'D 3-14

WIRELESS DETECTOR NOTES

WIRELESS-NOTE-1

INSTALL WIRELESS SENSORS CENTERED IN LANE AND 15' APART, CENTER TO CENTER.

WIRELESS-NOTE-2

⬡ INSTALL RECEIVER UNIT ON SPAN POLE 6" ABOVE THE TRAFFIC SIGNAL CABLE ENTRANCE FITTING.
ENSURE THAT THE SENSORS ARE WITHIN THE 120° DETECTION CONE OF THE RECEIVER UNIT.

WIRELESS-NOTE-3

⬡ INSTALL 20' PEDESTAL AT THE LOCATION SHOWN AND ATTACH TRANSCEIVER UNIT 6" FROM THE TOP OF THE PEDESTAL.
ENSURE THAT THE SENSORS ARE WITHIN THE 120° DETECTION CONE OF THE TRANSCEIVER UNIT.

WIRELESS-NOTE-4

TRANSCEIVER LOCATIONS ARE FOR ILLUSTRATION ONLY. EXACT LOCATIONS SHALL BE DETERMINED BY THE MANUFACTURER OR HIS DESIGNATED REPRESENTATIVE. CAT6 CABLE IS TO BE INSTALLED CONTINUOUS BETWEEN RECEIVER UNIT AND THE CONTROLLER CABINET.